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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/784,509
		Filing Date	February 23, 2004
		First Named Inventor	Flavio Villa
		Art Unit	3742
		Examiner Name	J. M. Pelham
Total Number of Pages in This Submission	6	Attorney Docket Number	61179-00007USPX

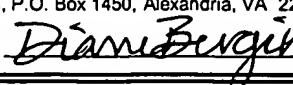
### ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
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Remarks		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	JENKENS & GILCHRIST, A PROFESSIONAL CORPORATION Tamsen Valoir, Ph.D.; Reg. No. 41,417
Signature	
Date	May 21, 2004

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Dated: May 21, 2004 Signature:  (Diane Bergin)



Docket No.: 61179-00007USPX  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Flavio Villa et al.

Application No.: 10/784,509

Confirmation No.:

Filed: February 23, 2004

Art Unit: 3742

For: **PROCESS FOR MANUFACTURING  
INTEGRATED CHEMICAL  
MICROREACTORS OF SEMICONDUCTOR  
MATERIAL**

Examiner: J. M. Pelham

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed within three months of the U.S. filing date (37 CFR 1.97(b)(1)).

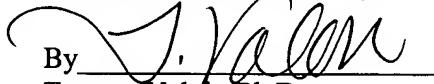
Pursuant to the waiver by the USPTO of the requirement under 37 CFR 1.98(a)(2)(i), no copies of cited U.S. patents or U.S. patent application publications are submitted. Copies of foreign patent documents and non-patent literature are submitted unless previously supplied to the Office in prior application U.S. 09/874,382 filed June 4, 2001, relied upon in this application for an earlier filing date under 35 USC 120.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 10-0447, under Order No. 61179-00007USPX.

Dated: May 21, 2004

Respectfully submitted,  
By   
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Substitute for form 1449A/B/PTO				<b>Complete If Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/784,509
<i>(Use as many sheets as necessary)</i>				Filing Date	February 23, 2004
				First Named Inventor	Flavio Villa
				Art Unit	3742
				Examiner Name	J. M. Pelham
Sheet	1	of	2	Attorney Docket Number	61179-00007USPX

<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
AA	US-US4993143	02/1991	Sidner et al.		
AB	US-US5429734-B1	07-04-1995	Gajjar et al.		
AC	US-US5498392	03/1996	Wilding et al.		
AD	US-US5637469-B1	06-10-1997	Wilding et al.		
AE	US-US5639423-B1	06-17-1997	Northrup et al.		
AF	US-US5690841-B1	11-25-1997	Elderstig		
AG	US-US5856174	01/1999	Lipshutz et al.		
AH	US-US5928880	07/1999	Wilding et al.		
AI	US-US5922591-B1	07-13-1999	Anderson et al.		
AJ	US-US5932100	08/1999	Yager et al.		
AK	US-US5939312-B1	08-17-1999	Baier et al.		
AL	US-US5942443-B1	08-24-1999	Parce et al.		
AM	US-US5955028	09/1999	Chow		
AN	US-US6040193	03/2000	Winkler et al.		
AO	US-US6046056-B1	04-04-2000	Parce et al.		
AP	US-US6057149	05/2000	Burns et al.		
AQ	US-US6071478	06/2000	Chow		
AR	US-US6132580	10/2000	Mathies et al.		
AS	US-US6168948-B1	01-02-2001	Anderson et al.		
AT	US-US6261431-B1	07-17-2001	Mathies et al.		
AU	US-US6267858-B1	07-31-2001	Parce et al.		
AV	US-US6271021	08/2001	Burns et al.		
AW	US-US20010036672-A1	11-01-2001	Anderson et al.		
AX	US-US20020017660-A1	02-14-2002	Villa et al.		
AY	US-US20020022261-A1	02-21-2002	Anderson et al.		
AZ	US-US20020045244-A1	04-18-2002	Barlocchi et al.		
AA1	US-US6376291-B1	04-23-2002	Barlocchi et al.		
AB1	US-US20020055167-A1	05-09-2002	Pourahmadi et al.		
AC1	US-US20020060156-A1	05-23-2002	Mathies et al.		
AD1	US-US20020068357-A1	06-06-2002	Mathies et al.		
AE1	US-US20020068334-A1	06-06-2002	Carrino et al.		
AF1	US-US6403367-B1	06-11-2002	Cheng et al.		
AG1	US-US6420143	07/2002	Kopf-Sill		
AH1	US-US20020097900-A1	07-25-2002	Arena et al.		
AI1	US-US6440725-B1	08-27-2002	Pourahmadi et al.		
AJ1	US-US6518022-B1	02-11-2003	Sosnowski et al.		

Examiner Signature		Date Considered
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Sheet	2	of	2	Attorney Docket Number	61179-00007USPX

	AK1	US-US20030057199-A1	03-27-2003	Villa et al.	
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<b>FOREIGN PATENT DOCUMENTS</b>						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
BA	EP-EP1123739-A1		08-16-2001	Mastromatteo et al.		
BB	EP-EP1130631-A1		05-09-2001	Erratico		
BC	EP-EP1049157-A1		11-02-2000	Corona et al.		
BD	EP-EP1043770-A1		10-11-2000	Villa et al.		
BE**	-WO96/15576		05-23-1996	Zanzucchi et al.		
BF**	-WO98/25701		06-18-1998	Northrup		
BG**	-WO00/23190		04-27-2000	Fouillet et al.		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*\*CITE NO.: Those patent(s) or publication(s) which are marked with an double asterisk (\*\*) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

<b>NON PATENT LITERATURE DOCUMENTS</b>						
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
CA	Zhang, "Automated and Integrated System for High-Throughput DNA Genotyping Directly from Blood", Analytical Chemistry, Vol. 71, No. 6, March 1999.					
CB**	van den Berg et al., "Modular Concept for Miniature Chemical Systems," DECHHEMA Monographs, Vol. 132:109-132, 1996.					
CC**	Arkilic et al., "Gaseous Slip Flow in Long Microchannels," Journal of Microelectronical Systems 6(2):167-8, 1997.					
CD**	The World Leader of Photoepoxies in the MEMES World, URL = <a href="http://dmtwww.epfl.ch/Iguerin/SU8NF.html">http://dmtwww.epfl.ch/Iguerin/SU8NF.html</a> , download date of 9/23/99.					

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Application No. (if known): 10/784,509

Attorney Docket No.: 61179-00007USPX

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